

FIG. 2

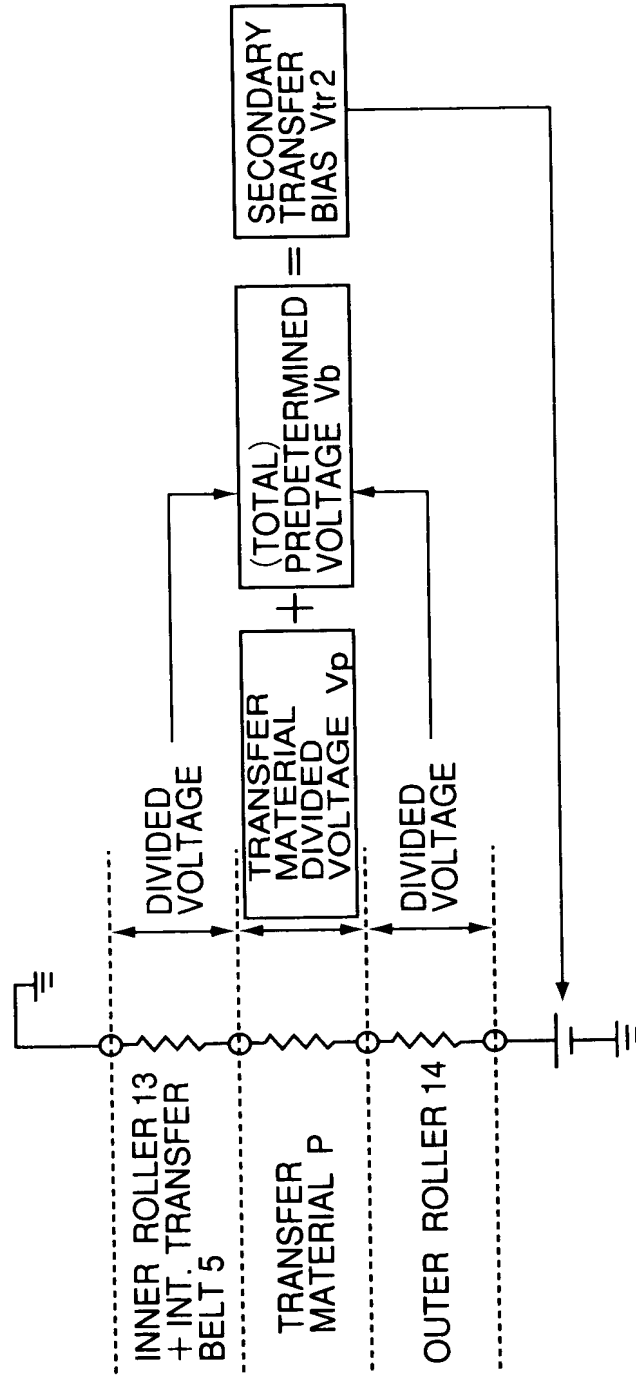


FIG. 3

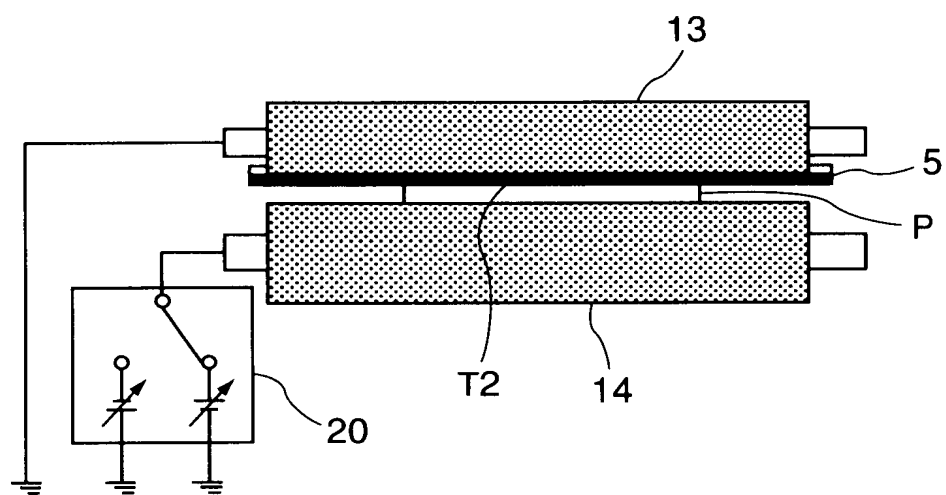


FIG. 4

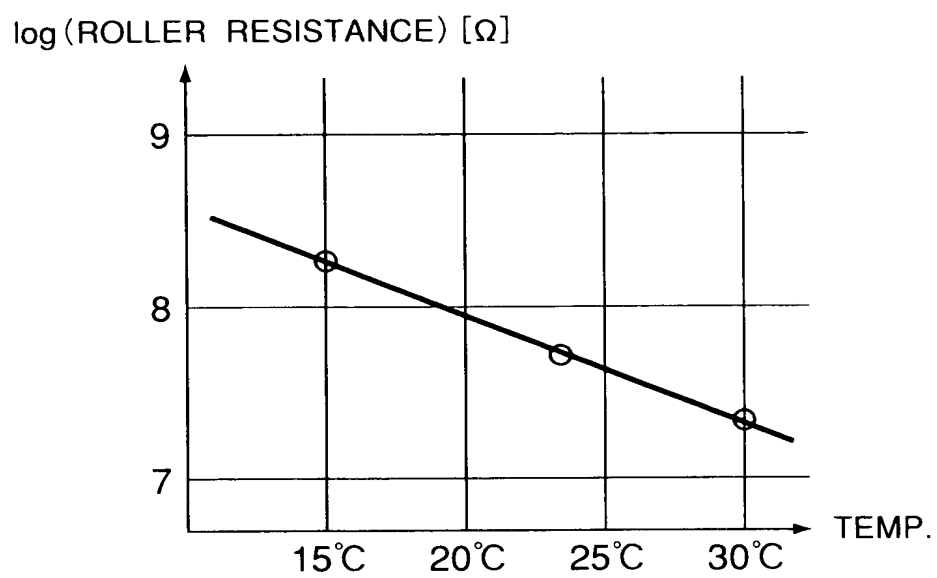


FIG. 5

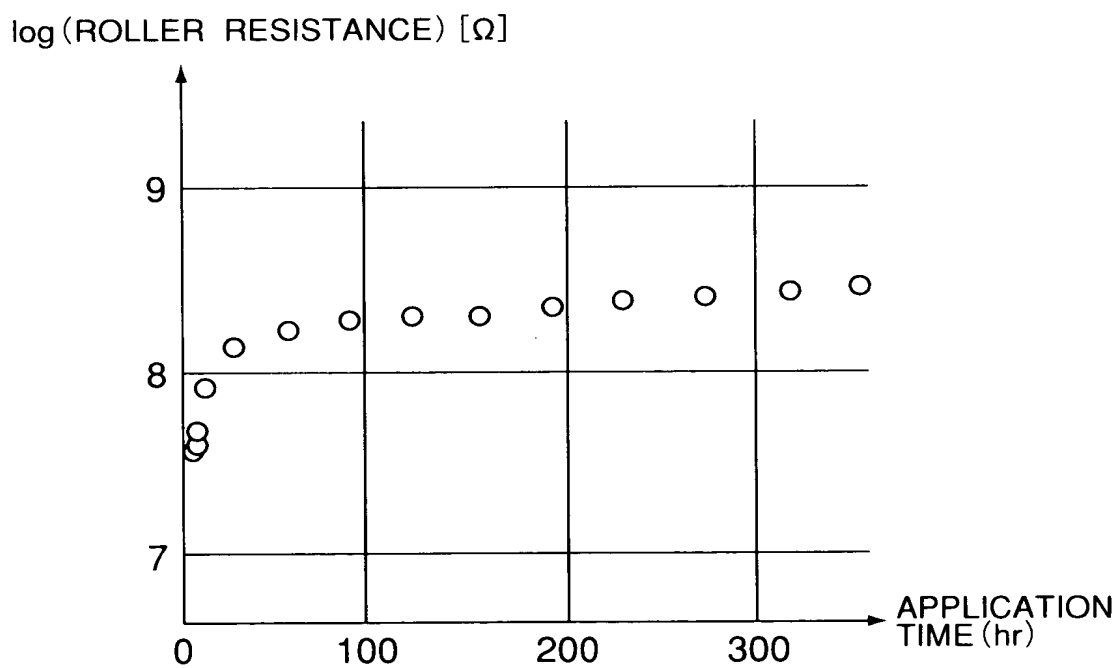


FIG. 6



FIG. 7

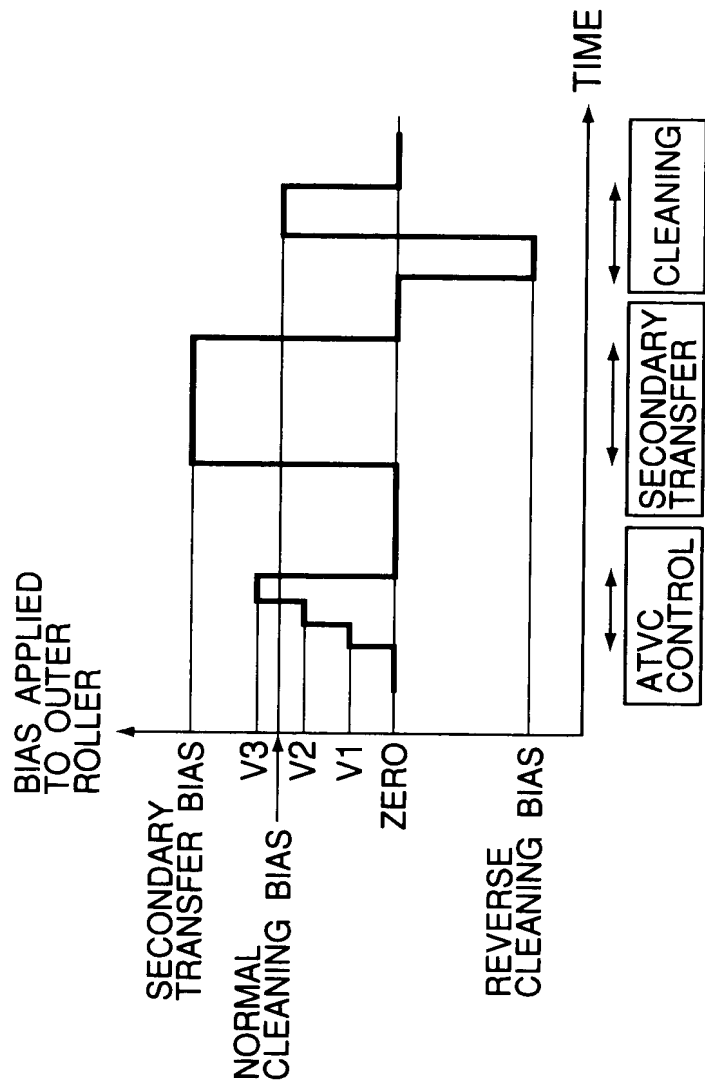


FIG. 8

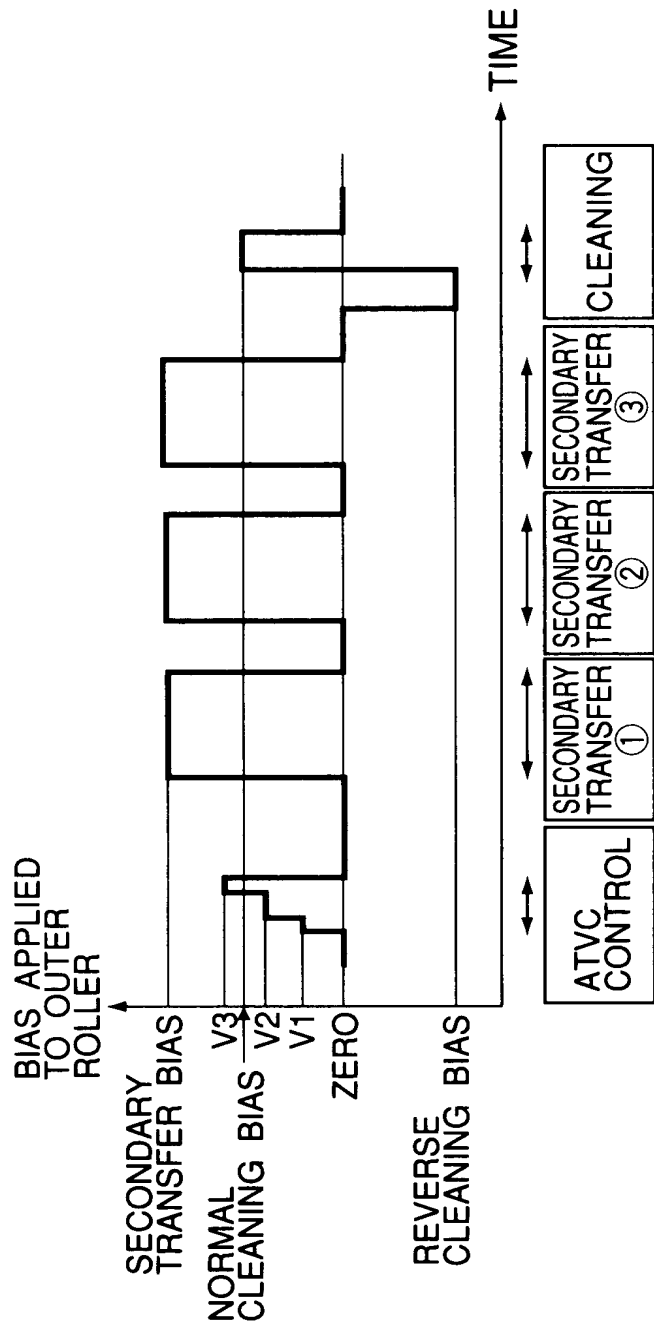


FIG. 9

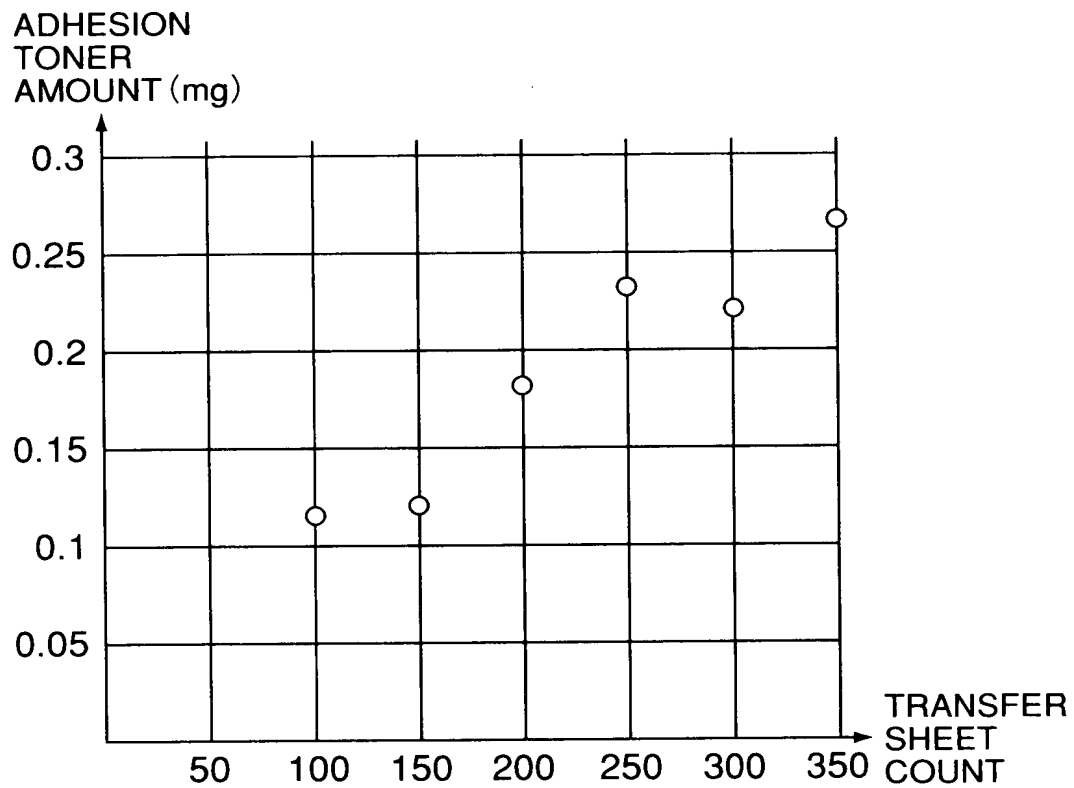


FIG. 10

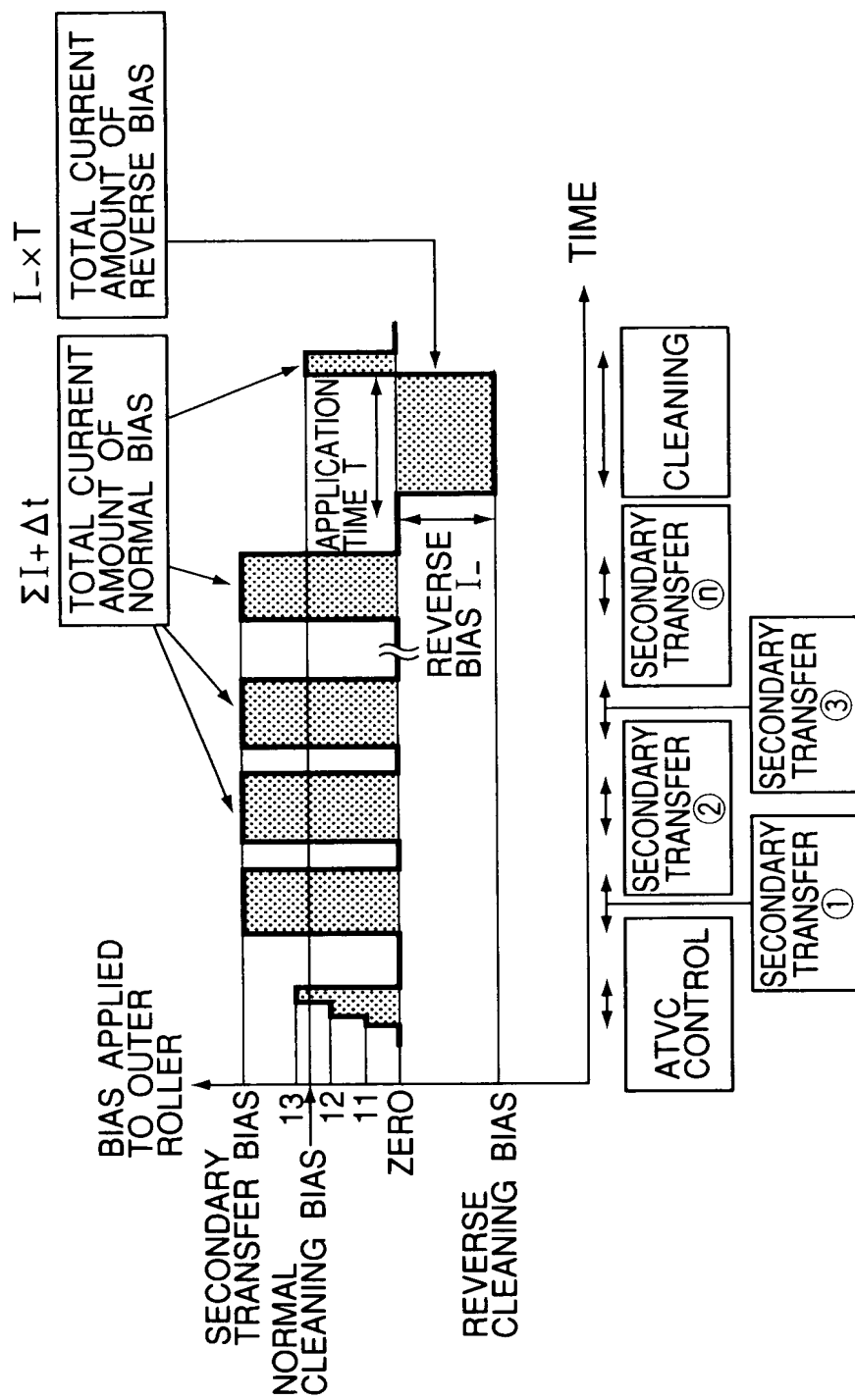


FIG. 11

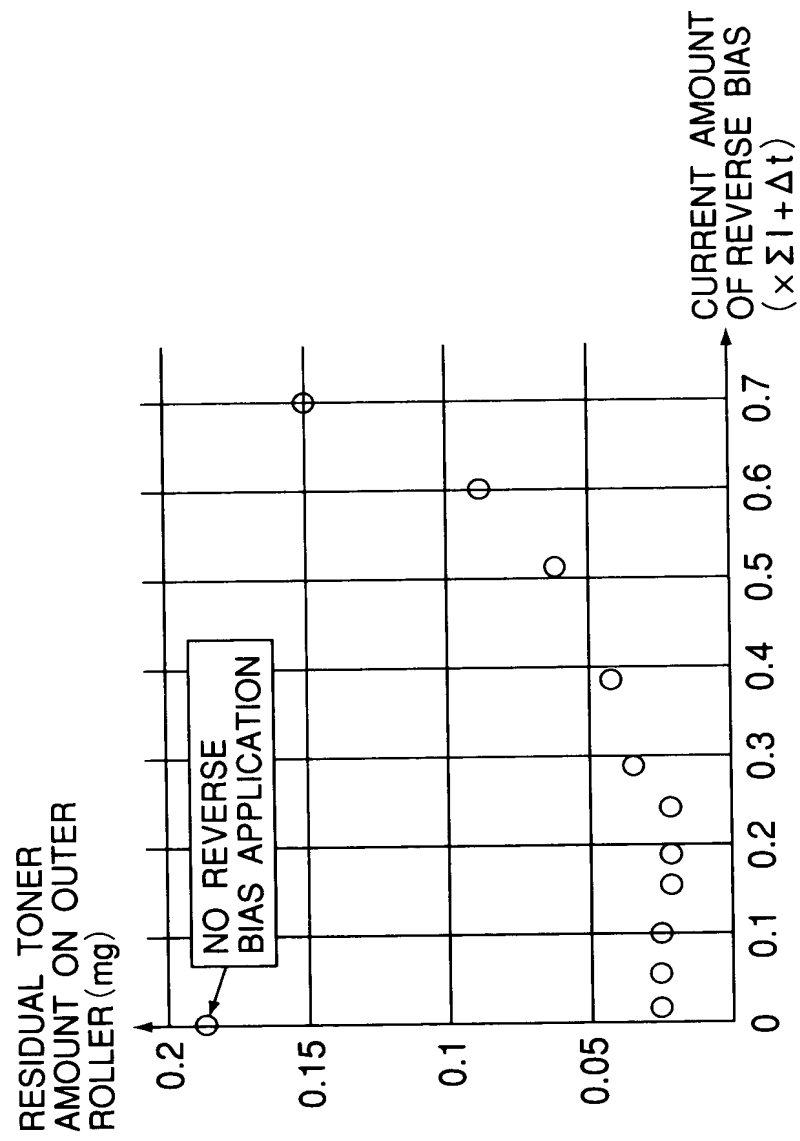


FIG. 12

REVERSE BIAS CURRENT AMOUNT (μ A)	APPLICATION TIME (ROLLER CIRCUM- FERENCE)	TOTAL CURRENT AMOUNT OF REVERSE BIAS (μ C)	TOTAL CURRENT RATIO OF REVERSE BIAS/NORMAL BIAS	RESIDUAL TONER AMOUNT ON OUTER ROLLER (mg)
NO REVERSE BIAS		0	0	0.185
15	1	8.7	0.023	0.025
30	1	17.4	0.047	0.025
30	2	34.8	0.093	0.025
30	3	52.2	0.140	0.02
30	4	69.6	0.187	0.02
30	5	87	0.234	0.02
30	6	104.4	0.280	0.035
30	8	139.2	0.374	0.045
30	11	191.4	0.514	0.06
30	13	226.2	0.607	0.085
30	15	261	0.701	0.15

FIG. 13

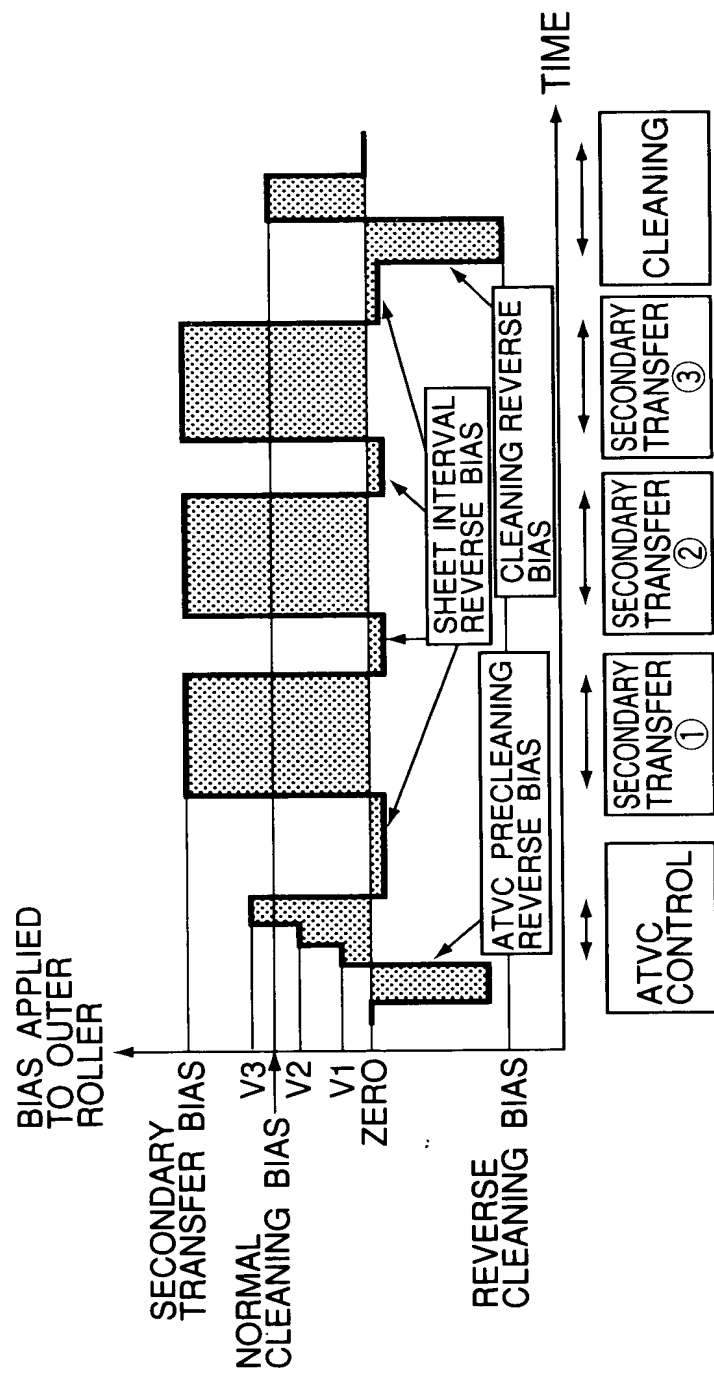


FIG. 14

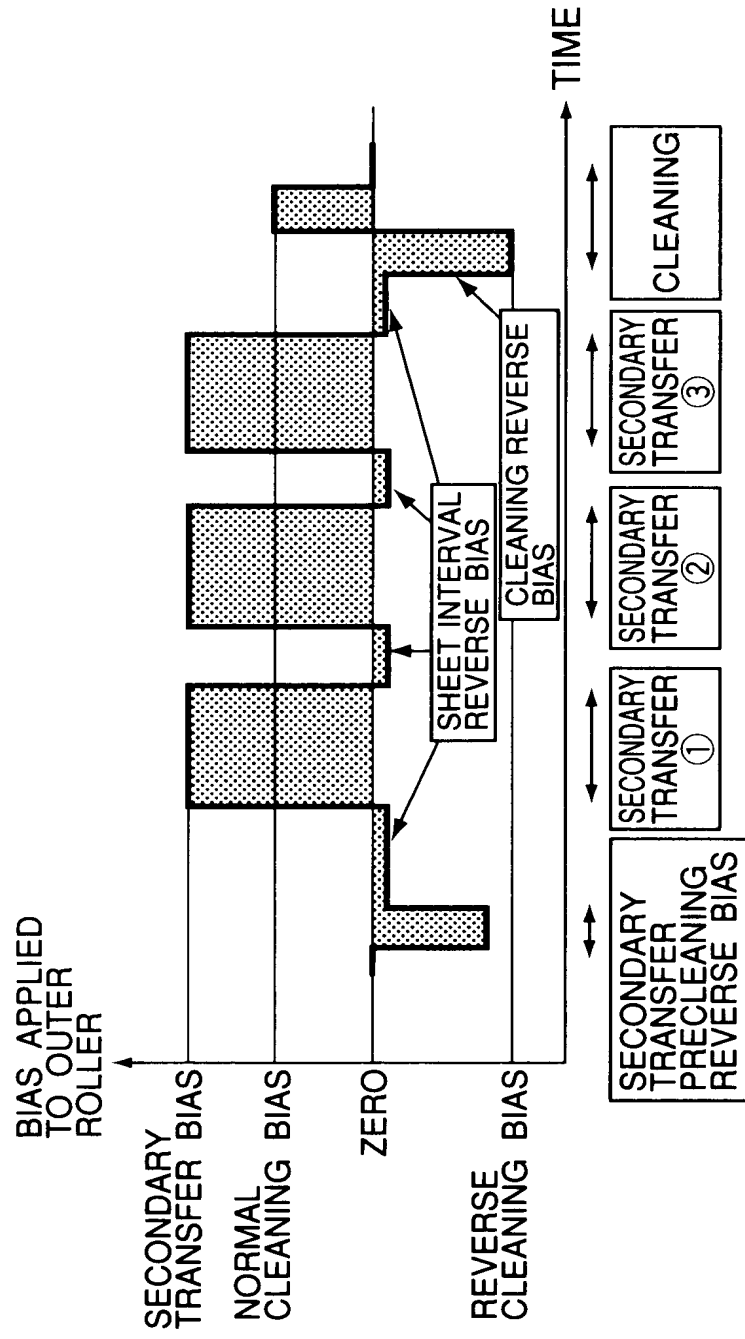


FIG. 15

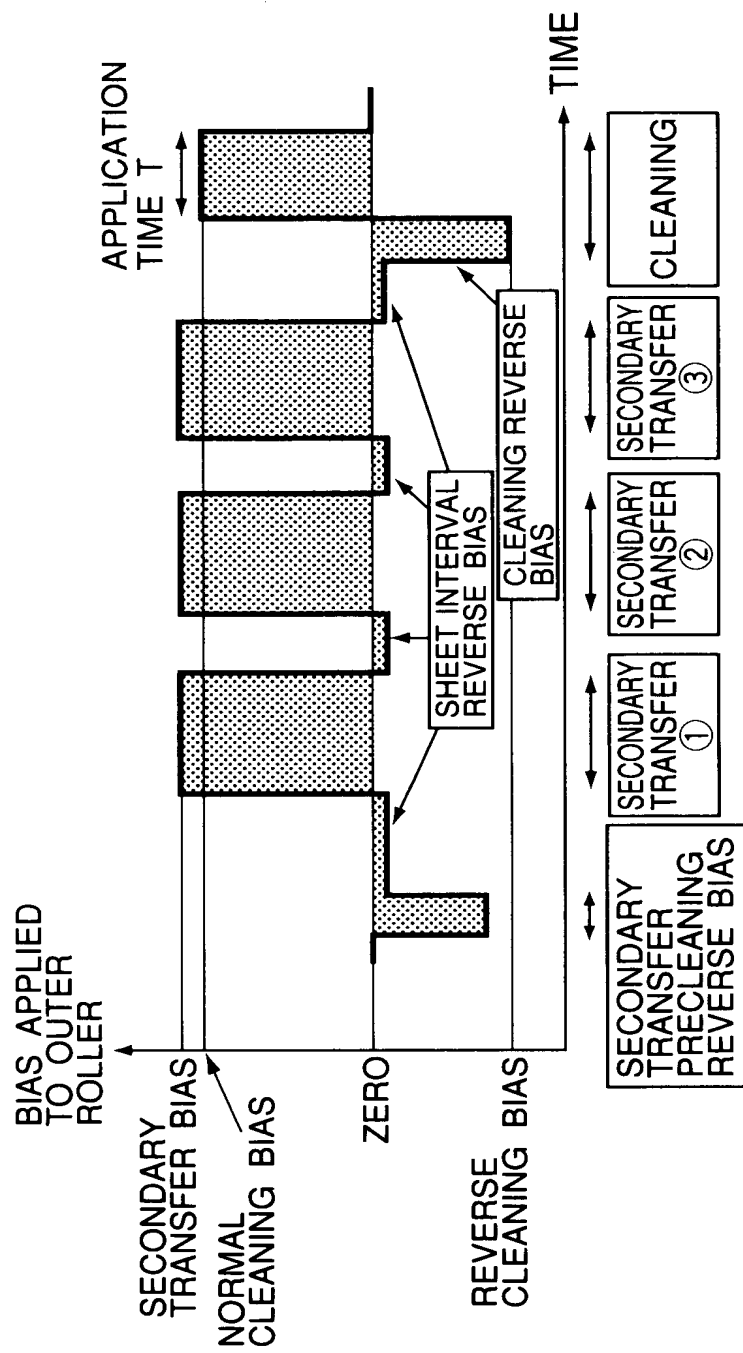


FIG. 16

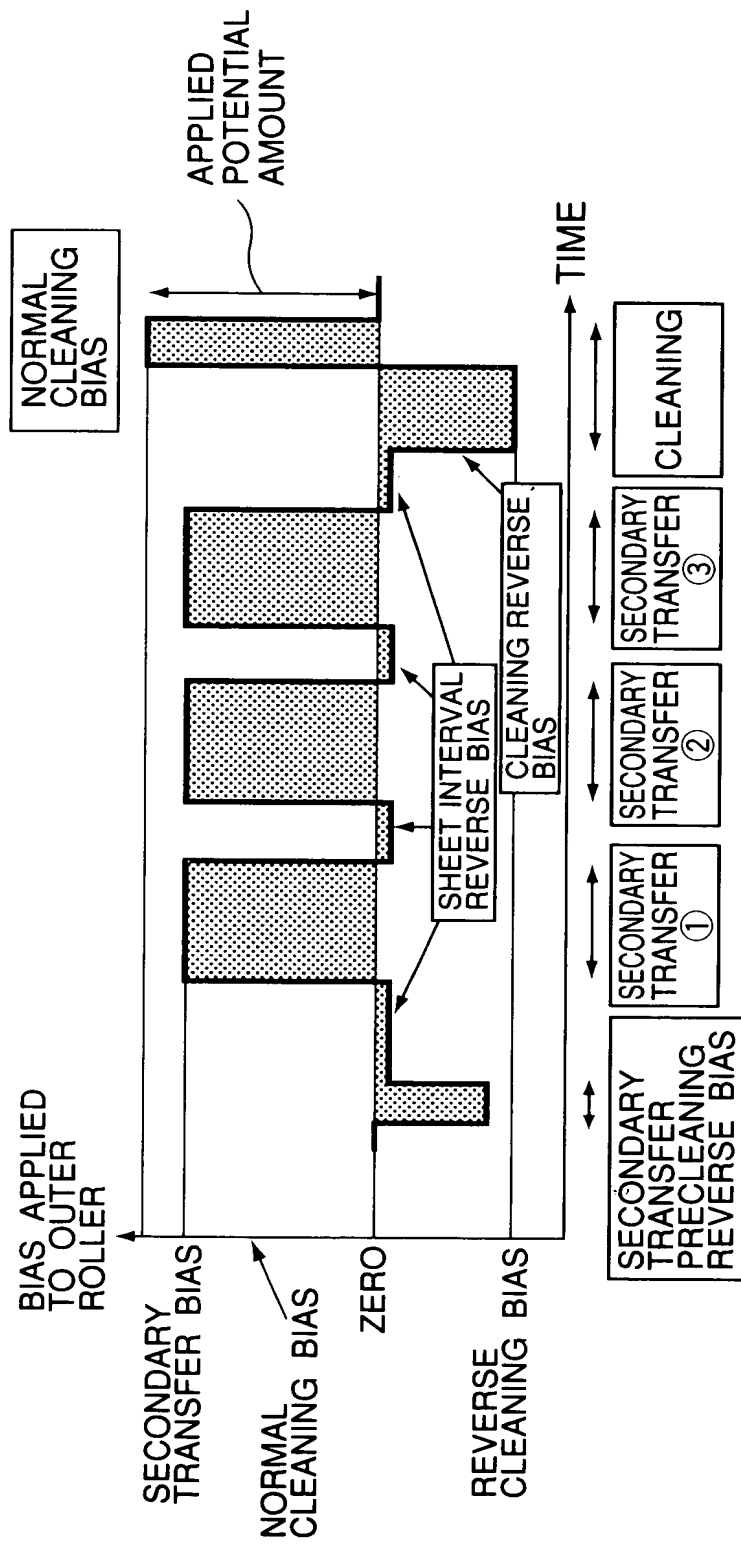


FIG. 17

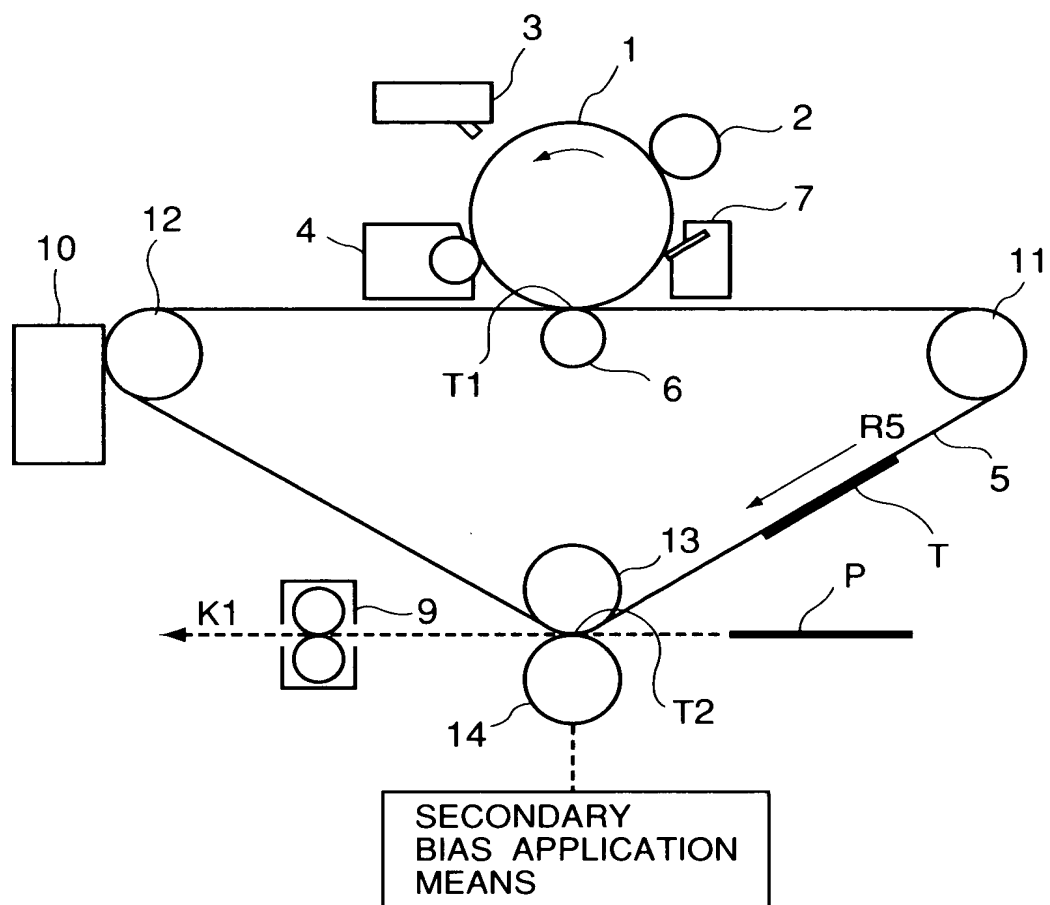


FIG. 18